CLAIMS

1. A clutch, in particular a disk clutch, of a manual transmission, in particular for motor vehicles, in particular with a spring force of a spring mechanism influencing the adjusting force produced by a power source for operation of the clutch,

characterized in that

the spring mechanism (3) and/or at least one of its thrust bearings is/are provided with a sensor (4) which detects solid-state changes for determining the spring force emanating from the spring mechanism (3) and a device for transmitting the measured values thus determined for controlling and/or regulating the adjusting power source.

2. The clutch according to Claim 1,

characterized in that

the spring mechanism (3) consists of at least one plate spring or a combination of a plate spring with an ondular washer.

3. The clutch according to Claim 1 or 2,

characterized in that

the sensor (4) is designed as a piezoresistive, amorphous carbon layer applied permanently to a surface area of the spring mechanism (3) or a thrust bearing thereof.

4. The clutch according to any one of the preceding claims,

characterized in that

the sensor (4) is provided with means for a telemetric signal pickup.

5. A method for operating a clutch according to any one of the preceding claims,

characterized in that

the adjusting force acting on the clutch is controlled and/or regulated as a function of characteristic values of the spring mechanism (3) currently determined by the sensor (4) and/or its at least one thrust bearing.